

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।

पत्रांक:- 1286 315

दिनांक:- 28.05.2021

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मधुबनी

सेवा में,

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, दरभंगा।

विषय:-

ग्रामीण कार्य विभाग, कार्य प्रमंडल, दरभंगा-2 के अधीन केवटी प्रखंड में वर्ष 2020 में बाढ़/अतिवृष्टि से क्षतिग्रस्त 10 पथों/पुलों में कराये गये पुर्नस्थापन कार्य से संबंधित पथों का प्राक्कलन के संबंध में।

प्रासंग:-

भवदीय का झापाक-872 दिनांक-10.04.2021

महाराज,

उपरोक्त विषयक प्रासंगिक पत्र से प्राप्त यातायात पुर्नस्थापन के निम्नांकित प्राक्कलन को गठित

जॉच दल द्वारा जॉचोपरान्त आवश्यक कार्रवाई हेतु सभिर्पित की जाती है। विवरणी निम्न प्रकार है:-

Sl No	Block	Name of Road	Length (KM)	Qty. (Brick Bats) (M3)	Remarks
1	Keoti	T04 Asrafpur (Milki) to Mohanmnapur	4.450	182.390	
2	Keoti	Kyam Chak to Dhaniyanaha	0.825	1590.500	
3	Keoti	Pindaruch to Kothiya Ghat	2.500	405.000	
4	Keoti	Jalwara to Kothiya Road	2.500	470.440	
5	Keoti	NH 105 Pathara to Khirama Bazar	0.350	38.150	
6	Keoti	REO road to Chandhi	2.850	95.000	
7	Keoti	L058 PMGSY Md. Dani to Bajitpur	5.200	75.000	
8	Keoti	NH 105 Dome to Shiso	8.000	171.120	
9	Keoti	REO Road Khirma to Sadik Muslim tola	1.165	173.370	
10	Keoti	Bariol to Kahariya	2.400	328.370	
Total:			30.240	3529.340	

अनु०:- यथोक्त

विश्वासभाजन

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।

Detailed Estimate of Flood Damaged Road

Name of Division:- Darbhanga-2
 Name of Work:- Kyam Chak to Dhaniyanaha
 Name of Scheme:- FDR 2020
 Length(in Km):- 0.825 km

Block:- Keoti
 District:- Darbhanga

1	Labour For Cutting 62 mm to 75 mm dia Bamboo pile to size and making Shoes and Driving etc complete job as per specification and direction of E/I	
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Details of Actual Measurement	Quantity
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Chainage at 350m
 Near River
 Total length of protection=
 C/C distance of piles=
 Say Nos of Piles=
 Total length of pile=
 driving depth each pile=
 Total driving depth

42 m
 0.3 m
 141 Nos
 564 m
 2 m
 282 m

2	Labour For 62 mm to 75 mm dia Bamboo runners in position at every vertical pile with 150mm long nails or 38 SWG G.I wire including cost of G.I.wire etc all complete Job	
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Details of Actual Measurement	Quantity
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3	Labour For fitting and fixing split bamboo woven chachri in position with 20 SWG G.I wire or 75mm to 100 mm Long Nails alternatively etc all complete job.	
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Details of Actual Measurement	Quantity
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4	Supplying 62 to 75mm dia Bamboo with loading unloading, carriage up to work site etc all complete job	
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Details of Actual Measurement	Quantity
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Total
 1x42mx2.0m
 84 m²
 bamboo 6m to 8m long
 564 m
 126 m
 690 m

Total Nos of Bamboo=
vide item(3)

690m/6m

115 Nos
84 m²

Nos Of Bamboo

For Chachri @ 1.0 Nos Bamboo for 1m² Chachri

84/1.0

84 Nos
199 Nos

Total Nos of Bamboo 6m long=

5	MORD Ref.No 302	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3
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Details of Actual Measurement				
No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	Quantity(m ³)
1	44.00	(2.0+5.0)/2	5.00	770.000
1	30.00	(1.5+5.0)/2	3.00	292.500
Total				1062.500

6	6.61 WRD BIHAR	Providing and laying of Bricks bats with carriage by tractor loading with front end loader with light ramming etc all complete job
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Details of Actual Measurement				
No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	Quantity(m ³)
1	15 19.00	(4.0+8.0)/2	(2.5+5.0+2.0)/3	361.000
1	42.00	1.50	0.50	31.500
Total				392.500 256.50

7		Labour for filling E.C bags with Local sand, stitching the Bags and Placing in Proper position etc all complete job
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Details of Actual Measurement				
No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	Quantity(m ³)
1	35.00	(1.25+2.50)/2	4.00	262.500
Total				262.500

Nos of EC bags

262.5 m³/0.034m³

7721 m³
Nos

Junior Engineer

Asstt. Engineer

Executive Engineer

Abstract of Cost

NAME OF SCHEME :
NAME OF ROAD :
DISTRICT
BLOCK
DIVISION
LENGTH OF ROAD

FDR 2020
Kyam Chak to Dhanianaha
Darbhanga
Keoti
Darbhanga-2
0.825 km

Sl. No.	DESCRIPTION	AMOUNT
1	TOTAL LABOUR COST FOR DRIVING (Total quantity 282.0m @ RATE Rs 27.94/m)	₹ 7,879.08
	ADD GST @ 12 %	₹ 945.49
	ADD LABOUR CESS @ 1 %	₹ 78.79
2	TOTAL LABOUR COST OF RUNNER (Total quantity 126.0m @ RATE Rs 4.96/m)	₹ 624.96
	ADD GST @ 12 %	₹ 75.00
	ADD LABOUR CESS @ 1 %	₹ 6.25
3	TOTAL LABOUR COST OF CHACHRI (Total quantity 84.0m @ RATE Rs 73.60/m)	₹ 6,182.40
	ADD GST @ 12 %	₹ 741.89
	ADD LABOUR CESS @ 1 %	₹ 61.82
4	TOTAL COST OF SUPPLYING BAMBOO (Total quantity 199 Nos @ RATE Rs 158.44/B)	₹ 31,529.56
	ADD GST @ 12 %	₹ 3,783.55
	ADD LABOUR CESS @ 1 %	₹ 315.30
	TOTAL COST	₹ 52,224.08
5	TOTAL COST OF EARTHWORK (Total quantity 1062.50 m ³ @ RATE Rs 68.7)	₹ 72,993.75
	ADD GST @ 12 %	₹ 8,759.25
	ADD LABOUR CESS @ 1 %	₹ 729.94
	ADD SEIGNIORANGE FEE ((Total quantity 1062.50 x Rs 34.81) x 10%)	₹ 3,698.56
	TOTAL EARTH WORK COST	₹ 86,181.50
6	TOTAL COST OF BRICK BATS (Total quantity 392.50 m ³ @ RATE Rs 1867.76)	₹ 7,33,095.80
	ADD GST @ 12 %	₹ 87,971.50
	ADD LABOUR CESS @ 1 %	₹ 7,330.96
	ADD SEIGNIORANGE FEE ((Total quantity 392.50 x Rs 1063.00) x 10%)	₹ 41,722.75
	TOTAL BRICK BATS COST	₹ 8,70,121.00
7	TOTAL COST OF EC BAGS (Total quantity 7721.0Nos @ RATE Rs 25.11)	₹ 1,93,874.31
	ADD GST @ 12 %	₹ 23,264.92
	ADD LABOUR CESS @ 1 %	₹ 1,938.74
	ADD SEIGNIORANGE FEE ((Total quantity 7721.0 x Rs 141.85.00) x 10%)	₹ 3,723.56
	TOTAL EC BAG COST	₹ 2,22,801.53
	GRAND TOTAL	₹ 12,31,328.19

EE
RWD

AE
RWD

JE
RWD

f.7.0

Cost Rs 9,29,833=10

17/12/21

15/11/2021

17/10/21

₹ 5,68,626
₹ 72,993.75
₹ 87,971.50
₹ 7,330.96
₹ 41,722.75
₹ 8,70,121.00

C.P. Total = (A+B+C+D) = Rs 9,29,833=10

Bf Rs 9,29,833=0

Subtotal 1286230
Rs 1286230
Rs 1286230
Rs 1286230
Rs 1286230

Rs 1286230

Rs 1286230

Rs 1286230

Rs 1286230

Superintending Engineer
RWD, Works Circle, Darrhanga

01/06/2024